L Number	Hits	Search Text	DB	Time stamp
1	720	(optical adj alignment) and (alignment with tolerance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:01
2	153	((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:01
3	0	(((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)) and (ion near optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:02
4	66	(((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)) and (ion)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:05
5	3	((((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)) and (ion)) and spectromet$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:04
6	60	((((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)) and (ion)) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:06
7	58	l16 and (stage or table or bench)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:12
8	5382	(optical near (stage or bench))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:13
9	2294	((optical near (stage or bench))) and (align$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:13
10	460	(((optical near (stage or bench))) and (align$5)) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:14
11	341	((((optical near (stage or bench))) and (align$5)) and ion) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:14
12	308	(((((optical near (stage or bench))) and (align$5)) and ion) and lens) and (mount$4 or fix$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:16
14	0	(((((((optical near (stage or bench))) and (align$5)) and ion) and lens) and (mount$4 or fix$4)) and tolerance) and ((time adj of adj flight) or TOF or TOFMS or TOF-MS)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:18
13	132	((((((optical near (stage or bench))) and (align$5)) and ion) and lens) and (mount$4 or fix$4)) and tolerance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:05

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15	71	method with (mak$4 or manufactur$4 or form$4) with (optical near1 (bench or stage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:06
17	10	((method with (mak$4 or manufactur$4 or form$4) with (optical near1 (bench or stage))) and (method with (mak$4 or manufactur$4 or form$4) with (optical adj (bench or stage)))) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:07
18	2	("5719073" | "6276205").PN.	USPAT	2003/12/29 16:08
16	45	(method with (mak$4 or manufactur$4 or form$4) with (optical near1 (bench or stage))) and (method with (mak$4 or manufactur$4 or form$4) with (optical adj (bench or stage)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:11
19	3	("4796974" | "4856887" | "4927257").PN.	USPAT	2003/12/29 16:17
20	6	5058993.URPN.	USPAT	2003/12/29 16:17
21	5	("4691586" | "4773727" | "4883342" | "5859947" | "6074103").PN.	USPAT	2003/12/29 16:21

L Number	Hits	Search Text	DB	Time stamp
1	720	(optical adj alignment) and (alignment with tolerance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:01
2	153	((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:01
3	0	(((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)) and (ion near optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:02
4	66	(((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)) and (ion)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:05
5	3	((((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)) and (ion)) and spectromet$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:04
6	60	((((optical adj alignment) and (alignment with tolerance)) and (optical adj alignment) and (alignment with degree)) and (ion)) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:06
7	58	l16 and (stage or table or bench)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:12
8	5382	(optical near (stage or bench))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:13
9	2294	((optical near (stage or bench))) and (align$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:13
10	460	(((optical near (stage or bench))) and (align$5)) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:14
11	341	((((optical near (stage or bench))) and (align$5)) and ion) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:14
12	308	(((((optical near (stage or bench))) and (align$5)) and ion) and lens) and (mount$4 or fix$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:16
14	0	(((((((optical near (stage or bench))) and (align$5)) and ion) and lens) and (mount$4 or fix$4)) and tolerance) and ((time adj of adj flight) or TOF or TOFMS or TOF-MS)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 15:18
13	132	((((((optical near (stage or bench))) and (align$5)) and ion) and lens) and (mount$4 or fix$4)) and tolerance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:05

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15	71	method with (mak$4 or manufactur$4 or form$4) with (optical near1 (bench or stage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:06
17	10	((method with (mak$4 or manufactur$4 or form$4) with (optical near1 (bench or stage))) and (method with (mak$4 or manufactur$4 or form$4) with (optical adj (bench or stage)))) and ion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:03
18	2	("5719073" | "6276205").PN.	USPAT	2003/12/29 16:08
16	45	(method with (mak$4 or manufactur$4 or form$4) with (optical near1 (bench or stage))) and (method with (mak$4 or manufactur$4 or form$4) with (optical adj (bench or stage)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:27
19	3	("4796974" | "4856887" | "4927257").PN.	USPAT	2003/12/29 16:17
20	6	5058993.URPN.	USPAT	2003/12/29 16:17
21	5	("4691586" | "4773727" | "4883342" | "5859947" | "6074103").PN.	USPAT	2003/12/29 16:21
22	46	(acceptable adj tolerance) and (optical near (bench or stage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:30
23	158	base and front and face and side and (mass near spectromet$4) and (tolerance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:33
24	158	base and front and face and side and (mass near spectromet$4) and (tolerance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:33
25	115	(base and front and face and side and (mass near spectromet$4) and (tolerance)) and support$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:35
26	89	((base and front and face and side and (mass near spectromet$4) and (tolerance)) and support$4) and align$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:36
27	18	(((base and front and face and side and (mass near spectromet$4) and (tolerance)) and support$4) and align$6) and detector and ion and mirror	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:38
28	0	((((base and front and face and side and (mass near spectromet$4) and (tolerance)) and support$4) and align$6) and detector and ion and mirror) and Einzel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:38
29	14	((((base and front and face and side and (mass near spectromet$4) and (tolerance)) and support$4) and align$6) and detector and ion and mirror) and lens	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:40
30	11	(((((base and front and face and side and (mass near spectromet$4) and (tolerance)) and support$4) and align$6) and detector and ion and mirror) and lens) and groove	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:59

31	0	09/499962	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 16:59
32	0	"09499962"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:00
33	5	"6393685"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:00
34	9	(ion adj optic) and ((alignment or acceptable) near tolerance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:07
35	9	(ion adj optic) and ((alignment or acceptable) near1 tolerance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:07
36	4	((ion adj optic) and ((alignment or acceptable) near1 tolerance)) and (mass near spectrometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:08
37	19637	mass near spectrometer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:08
38	1533	(mass near spectrometer) and ((ion adj optic) or lens or grid) and base	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:09
39	737	((mass near spectrometer) and ((ion adj optic) or lens or grid) and base) and mount$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:10
40	166	(((mass near spectrometer) and ((ion adj optic) or lens or grid) and base) and mount$3) and support and face	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:11
41	40	((((mass near spectrometer) and ((ion adj optic) or lens or grid) and base) and mount$3) and support and face) and (tolerance or (fraction with degree))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:13
42	0	(((((mass near spectrometer) and ((ion adj optic) or lens or grid) and base) and mount$3) and support and face) and (tolerance or (fraction with degree))) and (mating near face)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:13
43	1	(((((mass near spectrometer) and ((ion adj optic) or lens or grid) and base) and mount$3) and support and face) and (tolerance or (fraction with degree))) and (align$5 near4 ((tolerance) or (fraction with degree)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 17:14